

## ABSTRACT

A method and apparatus for calculating the radiated sensitivity of a mobile terminal positioned in multiple test orientations for multiple combinations of frequency channel and mobile terminal configuration is described herein. Test equipment

5 measures a reference sensitivity of the mobile terminal when the mobile terminal is positioned in a reference orientation. Further, the test equipment estimates an antenna gain associated with a mobile terminal antenna when the mobile terminal is positioned in a test orientation. The test equipment then adjusts the reference sensitivity, based on the estimated antenna gain, to calculate the sensitivity of the

10 mobile terminal positioned in the test orientation.